

Abstract of the Disclosure

A method for joining two value-ordered primary index tables T1 and T2 in response to a join command is disclosed. T1 and T2 each include rows. T1 and T2 each have a first row. A subset of the rows of T1 is loaded into memory. The subset is consecutive and includes the first row of T1. The first row of T2 is loaded into memory. The loaded row of T2 is compared to the loaded rows of T1. If there is a match, it is output. If there is not a match, that lack is recorded. A next consecutive row of T2 is loaded into memory. The comparison, output, recording, and loading of consecutive T2 rows is repeated. New rows of T1 are loaded into memory. The new rows are consecutive and are consecutive with the previously loaded rows of T1. The combination of a repetition of comparison, output, recording, and loading of consecutive T2 rows with loading new rows of T1 into memory is repeated.